

Specifications

Circuit :	11 Transistor Superheterodyne
Frequency Coverage :	FM 86.5—108 Mc (3.53—2.78 m) MW 530—1,605 Kc (566—187 m)
Intermediate Frequency :	FM 10.7 Mc MW 455 Kc
Antenna System :	FM Built-in Telescopic Antenna MW Built-in Ferrite Bar Antenna
Maximum Sensitivity :	FM -2 dB (at 50 mW output with 6 dB S/N) MW 26 dB (at 10 mW output)
Selectivity :	22 dB at 10 Kc off resonance, at 1,400 Kc
Output Power :	480 mW (undistorted)
Current Drain :	12 mA (MW), 15 mA (FM) at zero signal, 160 mA at 480 mW output
Speaker :	4-3/4" × 3-1/8" (12 × 8 cm) PM dynamic, 8 Ω
Battery :	Four size "C" Flashlight Batteries (6 Volts)
Dimensions :	12" × 6-5/8" × 2-3/8" (300 × 167 × 60 mm)
Weight :	3-1/2 lbs. (1.6 kg)

Electrical characteristics of FM band is measured with the LOCAL/DISTANT Selector Switch set to "DISTANT".

Adjustments

a) Frequency Coverage Adjustment

	Lower Limit	Adjust	Upper Limit	Adjust
FM	i) 85.5 ± 1 Mc	Gap of FM OSC Aux. Coil (L _{101d})	Lower Limit + 24 Mc	Gap of FM OSC Aux. Coil (L _{101d})
	ii) 85.5 Mc	Trimmer Capacitor (C ₁₂₀)		
MW	520 Kc	Core of MW OSC Coil (L ₂₀₁)	1,680 Kc	MW OSC Trimmer (C ₂₀₅)

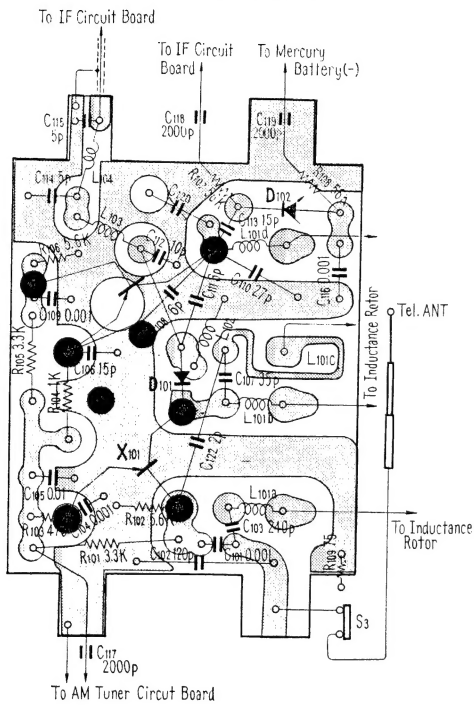
b) Tracking Adjustment

	Lower Checking Point	Adjust	Upper Checking Point	Adjust
FM			109.5 Mc	Gap of FM RF Aux. Coil (L _{11b}) and Gap of FM ANT Aux. Coil (L _{101a})
MW	620 Kc	Position of MW ANT Coil (L ₂₀₂)	1,400 Kc	MW ANT Trimmer (C ₂₀₆)

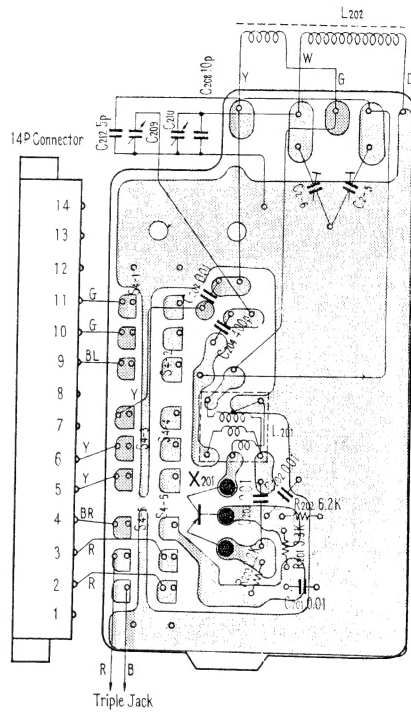
Mounting Diagram

-Printed Side-

FM Tuner Section



AM Tuner Section

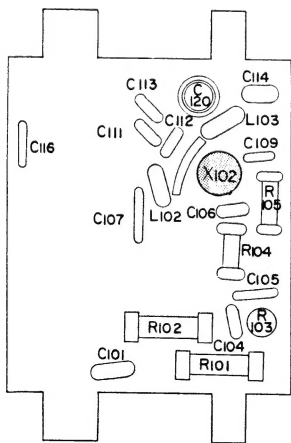


Mounting Diagram

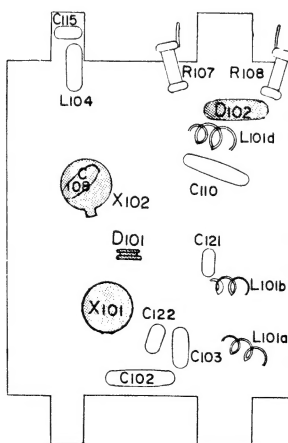
—Parts Side—

FM Tuner Section

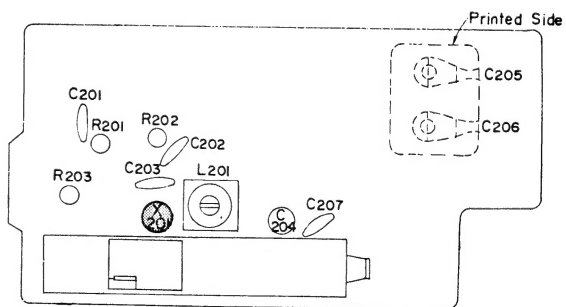
Parts	Side
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2	Right
3	Left
4	Right
5	Left
6	Right
7	Left
8	Right
9	Left
10	Right
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13	Left
14	Right
15	Left
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100	Right



Printed Side

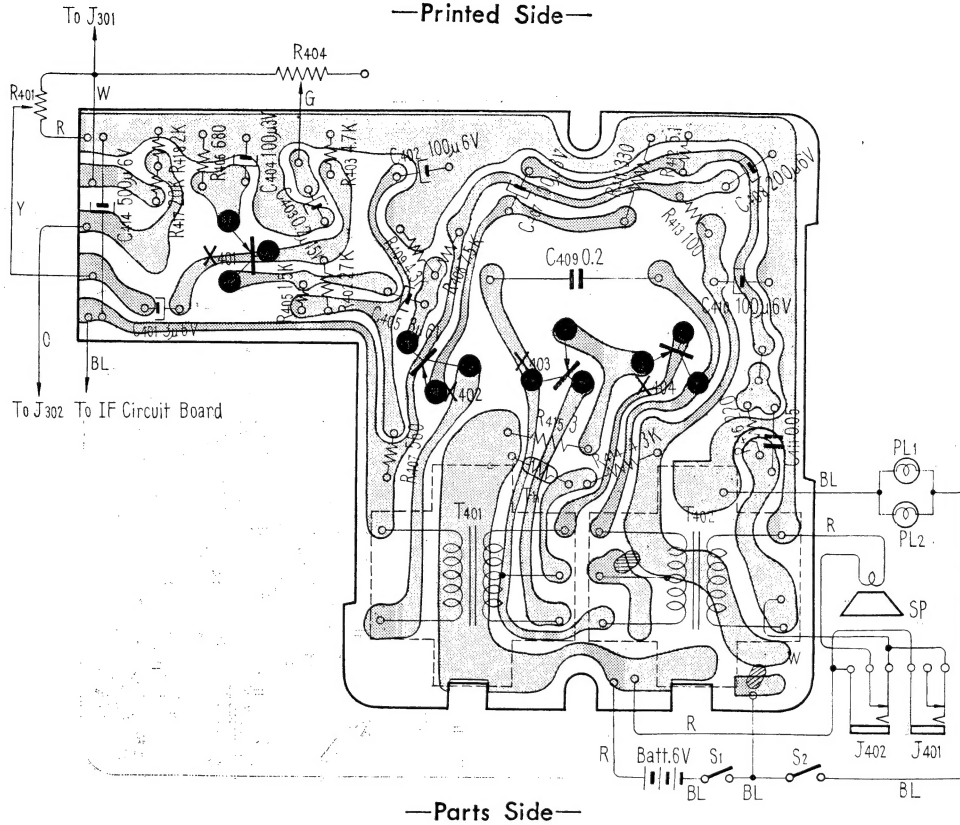


AM Tuner Section



Mounting Diagram

AF Section
—Printed Side—



—Parts Side—

